

=> fil reg

FILE 'REGISTRY' ENTERED AT 17:27:06 ON 13 DEC 2006  
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=> d his nofile

(FILE 'HOME' ENTERED AT 10:26:48 ON 13 DEC 2006)

FILE 'HCAPLUS' ENTERED AT 10:27:02 ON 13 DEC 2006

L1 1 SEA US2006094805/PN

FILE 'REGISTRY' ENTERED AT 10:27:50 ON 13 DEC 2006

L2 11 SEA (115-77-5/BI OR ~~126-58-9~~/BI OR 23235-61-2/BI OR  
25618-55-7/BI OR 50-70-4/BI OR 56-81-5/BI OR 59113-36-9/B  
I OR 77-85-0/BI OR 77-99-6/BI OR 9002-86-2/BI OR  
9003-07-0/BI)  
L3 1 SEA 9002-86-2/RN  
L4 1 SEA 9003-07-0/RN  
L5 9 SEA L2 NOT (L3 OR L4) —  
L6 1 SEA 173524-45-3/RN  
L7 1 SEA 56491-53-3/RN  
L8 1 SEA 56090-54-1/RN  
L9 1 SEA 51555-31-8/RN  
L10 1 SEA 36675-34-0/RN  
L11 1 SEA 7426-71-3/RN  
L12 1 SEA 6917-35-7/RN  
L13 1 SEA 4704-94-3/RN  
L14 1 SEA 87-89-8/RN  
L15 1 SEA 78-24-0/RN

FILE 'HCAPLUS' ENTERED AT 10:54:34 ON 13 DEC 2006

L16 198984 SEA (L3 OR L4)  
L17 68696 SEA POLYCARBONATE#  
L18 173006 SEA POLYAMIDE#  
L19 108892 SEA (L5 OR L6 OR L7 OR L8 OR L9 OR L10 OR L11 OR L12 OR  
L13 OR L14 OR L15)  
L20 15456 SEA L5/D OR L5/DP  
L21 25 SEA L6/D OR L6/DP  
L22 70 SEA L7/D OR L7/DP  
L23 134 SEA L8/D OR L8/DP  
L24 27 SEA L9/D OR L9/DP  
L25 68 SEA L10/D OR L10/DP  
L26 12 SEA L11/D OR L11/DP  
L27 25 SEA L12/D OR L12/DP  
L28 9 SEA L13/D OR L13/DP  
L29 561 SEA L14/D OR L14/DP  
L30 92 SEA L15/D OR L15/DP  
L31 225061 SEA CARBOXYLIC(W)ACID#  
L32 330456 SEA FATTY(W)ACID#  
L33 88552 SEA PLASTICIZ?  
L34 217539 SEA (PLASTIC# OR THERMOPLASTIC# OR THERMO(W)PLASTIC#) (L) (  
PROCESS? OR MANUFACTUR? OR MFR# OR PRODUC? OR MAKE OR  
MAKES OR MADE OR MAKING OR PREPAR? OR PREPD# OR TREATMENT  
?)  
L35 112 SEA PLASTICIS?  
L36 4497 SEA MICRONIZ? OR MICRONIS?  
L37 QUE C8 OR C9 OR C10 OR C11 OR C12 OR C13 OR C14 OR C15

\* L38 8-29 OR C16 OR C17 OR C18 OR C19 OR C20 OR C21 OR C22  
 L39 22-36 QUE (C OR CARBON) (A) (8 OR 9 OR 10 OR 11 OR 12 OR 13 OR  
 14 OR 15 OR 16 OR 17 OR 18 OR 19 OR 20 OR 21 OR 22)  
 L40 QUE C22 OR C24 OR C26 OR C28 OR C30 OR C32 OR C34 OR C36  
 QUE (C OR CARBON) (A) (22 OR 24 OR 26 OR 28 OR 30 OR 32 OR  
 34 OR 36)

FILE 'REGISTRY' ENTERED AT 15:24:27 ON 13 DEC 2006

L41 STR  
 L42 SCR 1312  
 L43 SCR 1992 OR 2016 OR 2021 OR 2026 OR 2043 OR 1838  
 L44 50 SEA SSS SAM L41 AND L42 NOT L43

FILE 'HCAPLUS' ENTERED AT 15:44:57 ON 13 DEC 2006

L45 QUE QUE ESTER# OR DIESTER# OR TRIESTER# OR TETRAESTER#  
 OR PENTAESTER# OR ESTERIF?  
 L46 279 SEA ((L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR  
 L27 OR L28 OR L29 OR L30)) (L) L45  
 L47 80 SEA L46 AND (L37 OR L38)  
 L48 8 SEA L46 AND (L39 OR L40)  
 L49 7 SEA L47 AND L48

FILE 'REGISTRY' ENTERED AT 15:54:31 ON 13 DEC 2006

L50 47890 SEA SSS FUL L41 AND L42 NOT L43  
 SAV L50 KAT827/A  
 L51 STR  
 L52 STR  
 L53 STR  
 L54 50 SEA SUB=L50 SSS SAM L51  
 L55 1363 SEA SUB=L50 SSS FUL L51  
 SAV L55 KAT827S1/A  
 L56 50 SEA SUB=L50 SSS SAM L52  
 L57 17959 SEA SUB=L50 SSS FUL L52  
 SAV L57 KAT827S2/A  
 L58 5 SEA SUB=L50 SSS SAM (L53 AND L51)  
 L59 88 SEA SUB=L50 SSS FUL (L53 AND L51)  
 SAV L59 KAT827S3/A  
 L60 50 SEA SUB=L50 SSS SAM (L53 AND L52)  
 L61 3524 SEA SUB=L50 SSS FUL (L53 AND L52)  
 SAV L61 KAT827S4/A

FILE 'HCAPLUS' ENTERED AT 16:12:23 ON 13 DEC 2006

L62 343 SEA L55/D OR L55/DP  
 L63 14095 SEA L57/D OR L57/DP  
 L64 39 SEA (L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR  
 L27 OR L28 OR L29 OR L30) AND L62  
 L65 1158 SEA (L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR  
 L27 OR L28 OR L29 OR L30) AND L63  
 L66 22 SEA L64 AND L65  
 L67 101 SEA L59  
 L68 25603 SEA L61  
 L69 68 SEA L67 AND L68  
 L70 156 SEA (L20 OR L21 OR L22 OR L23 OR L24 OR L25 OR L26 OR  
 L27 OR L28 OR L29 OR L30) (L) (L33 OR L35)  
 L71 16 SEA L70 AND (L37 OR L38)  
 L72 2 SEA L70 AND (L39 OR L40)  
 L73 1 SEA L71 AND L72

FILE 'REGISTRY' ENTERED AT 17:03:04 ON 13 DEC 2006

L74 34 SEA L59 AND L61

FILE 'HCAPLUS' ENTERED AT 17:06:06 ON 13 DEC 2006

L75 23 SEA L74  
 L76 97 SEA L49 OR L66 OR L69 OR L73 OR L75  
 L77 20 SEA L76 AND L45  
 L78 4 SEA L76 AND (L33 OR L35)  
 L79 3 SEA L76 AND L34  
 L80 2 SEA L76 AND L36  
 L81 27 SEA L77 OR L78 OR L79 OR L80  
 L82 0 SEA L49 NOT L81  
 L83 14 SEA L66 NOT L81  
 L84 QUE PLASTIC?/SC,SX  
 L85 4 SEA L83 AND L84  
 L86 57 SEA L69 NOT L81  
 L87 12 SEA L86 AND L84  
 L88 22 SEA L75 NOT L81  
 L89 0 SEA L88 AND L84

=> d l50 que stat

L41 STR

3

0

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1 2

NODE ATTRIBUTES:

CONNECT IS E2 RC AT 1

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

ECOUNT IS M8 C AT 1

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 3

STEREO ATTRIBUTES: NONE

L42 SCR 1312

L43 SCR 1992 OR 2016 OR 2021 OR 2026 OR 2043 OR 1838

L50 47890 SEA FILE=REGISTRY SSS FUL L41 AND L42 NOT L43

100.0% PROCESSED 239469 ITERATIONS

47890 ANSWERS

SEARCH TIME: 00.00.02

=> d l51 que stat

L51 STR

3

0

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NODE ATTRIBUTES: